REMARKS

Reconsideration of the present application, as amended, is respectfully requested. Claims 1, 7, 20, 21, 27, 40, 41, and 43 have been amended.

Summary of the Office Action

Examiner objected to the abstract, for being over 150 words.

The Examiner objected to the Specification for the use of the trademark "Java."

Examiner objected to claims 17, 20, 21, 27, 40, 41, and 43 because of the use of the trademark "Java".

Examiner rejected claims 17, 20, 21, 27, 40, 41, and 43 under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Examiner rejected claims 1-12, 15, 17-20, 21-32, 35, 37-41, 43, and 44 under 35 U.S.C. §103(a) as being unpatentable over U.S. Publication No. 2002/0129060 to Rollins et al. in view of U.S. Patent No. 6,675,354 to Claussen et al.

Examiner rejected claims 13, 14, 16, 33, 34, 36, 42, and 45 under 35 U.S.C. §103(a) as being unpatentable over Rollins and Claussen in view of U.S. Patent No. 6,760,748 to Hakim.

Response to Objections to the Abstract and Specification

Applicant has amended the abstract to shorten it, as appropriate. Applicant has also clarified the use of the trademarked term "Java." Applicant respectfully submits that these amendments do not add new matter, and provide a response to the Examiner's objections. Therefore, Applicant respectfully requests withdrawal of these objections.

Response to claim objections and rejections under 35 U.S.C. §112

Claim 17 does not recite "Java." Claims 20, 21, 27, 40, 41, and 43 have been

amended to replace references to trademark Java with generic terminology. This

amendment does not add any new matter. It is submitted that claims 20, 21, 27, 40, 41,

and 43, as amended, comply with the requirements of 35 U.S.C. §112 (see MPEP

608.01 (v)). Applicants therefore request the withdrawal of these objections and

rejection.

Response to rejections of claims 1-12, 15, 17-20, 21-32, 35, 37-41, 43, and 44 under 35 U.S.C. §103

Claim 1, as amended, reads as follows:

> 1. In a computer system, an improved method for developing a Web application, the method comprising:
>
> providing **a Web application development framework**, said framework including an abstract command tag that predefines at least some generic Web application activities;
>
> specifying at least one **custom action** that is desired **to be performed by a Web application under development**;
>
> creating an object-oriented programming language (OOPL) class that extends the abstract command tag for providing execution logic for said at least one custom action, in addition to pre-existing logic that supports said at least some generic Web application activities, thereby creating a corresponding customized command tag that is capable of being embedded within a Web page, wherein said customized command tag includes the ability to conditionally execute said specified at least one custom action based on run-time conditions;
>
> upon execution of the Web application including an embedded customized command tag in a Web page, invoking the customized command tag for conditionally executing said specified at least one custom action based on run-time conditions.

Rollins is directed at a method to navigate and modify XML data in an intuitive

way (Rollins, [0031]). Specifically, Rollins discloses generating a series of components

(Rollins, [0032]) to provide a document specific interface for an XML document (Rollins, [0033]).

The Office action cites the title of Rollins, "System and method for generating multiple customizable *interfaces for XML documents*" to show the feature of "providing **a Web application development framework**" recited in claim 1. It is submitted that an interface for XML documents (that allows navigation of XML documents, Rollins [0031]) is different from **a Web application development framework** recited in claim 1.

Furthermore, the Office action cites the following portion of Rollins to show the feature of "specifying at least one **custom action** that is desired **to be performed by a Web application under development**" recited in claim 1:

> The present invention disclosure describes a system that, based upon an XML Schema and a set of user customization rules, will produce a set of components that interact to provide a user-specific, document-specific, multi-modal interface for an XML document. Each generated component provides a specific input and output mode. A series of the components work together to produce a multi-modal view of the XML tree. One component could be HTML component, which produces a HTML rendering of the XML tree while another component may be a speech-based rendering of the tree. The present system allows these multiple component views of the XML schema to work together.
> Rollins, [0015].

As is evident from the passage above, Rollins fails to disclose or suggest a **custom action to be performed by a Web application under development**, as recited in claim 1.

The Office action combines Rollins with Claussen to show the features of claim 1. The object of Claussen is to provide *a method for processing custom tags* in a document object model (DOM) representation irrespective of the case in which the tags are authored. (Claussen, 3: 14-17.) Claussen fails to disclose or suggest "**a Web application development framework**" or the feature of "specifying at least one

custom action that is desired **to be performed <u>by a Web application under</u>**

<u>**development**</u>" recited in claim 1.

Because not each and every element of claim 1 is disclosed in Rollins, whether

considered separately or in combination with Claussen, claim 1 and its dependent

claims are patentable over the combination of Rollins and Claussen.

Claim 41, as amended, recites "providing **a Web-based application**

development framework built from a set of OOPL classes." As discussed above,

Rollins and Claussen, whether considered separately or in combination, fail to disclose

or suggest a Web-based application development framework, as recited in claim 41.

Therefore, claim 41 and its dependent claims are patentable over the combination of

Rollins and Claussen for at least the reasons articulated with respect to claim 1.

Claim 21, as amended, recites "**specifying at least one custom action** that is

desired **to be performed by a Web application under development**." Thus, claim 21

and its dependent claims are patentable over the combination of Rollins and Claussen

for at least the reasons articulated with respect to claim 1.

<u>**Response to rejections of claims 13, 14, 16, 33, 34, 36, 42, and 45 under 35**</u>

<u>**U.S.C. §103**</u>

The Office action combines Rollins, Claussen, and Hakim to show the features of

claims 13, 14, and 16, which depend on claim 1, and claims , 34, and 36 which depend

on claim 21, and claims 42 and 45 which depend on claim 41. Each of these claims

includes the limitations of its respective parent claim.

Hakim is concerned with a computer-based, networked electronic classroom system in which the teacher can monitor class progress, ask questions, and generally focus efforts in areas where more instruction appears to be needed. (Hakim, 3: 15-21.)

Hakim fails to disclose or suggest the limitations of claim 1 discussed above, whether considered separately or in combination with Rollins and Claussen. In particular, neither Rollins, nor Claussen, nor Hakim, nor a combination thereof teach or suggest "**specifying at least one** custom action **that is desired** to be performed **by a Web application under development**" recited in claims 1 and 21. Claims 13, 14, and 16 include the limitations of claim 1 by virtue of being dependent on claim 1. Claims 33, 34, and 36 include the limitations of claim 21 by virtue of being dependent on claim 21.

Similarly, neither Rollins, nor Claussen, nor Hakim, nor a combination thereof teach or suggest "providing **a Web-based application development framework** built from a set of OOPL classes," as recited in claim 41. Claims 42 and 45 include the limitations of claim 41 by virtue of being dependent on claim 41.

Therefore, claims 13, 14, 16, 33, 34, 36, 42, and 45 are patentable over the combination of Rollins, Claussen, and Hakim for at least the reasons articulated with respect to claims 1 and 41.
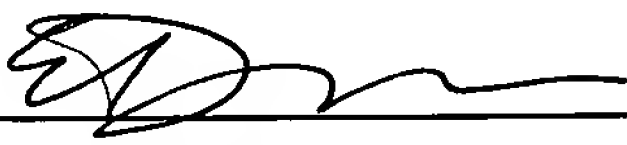
Conclusion

Applicant respectfully submits that in view of the amendments and discussion set forth herein, the applicable rejections have been overcome. Accordingly, the present and amended claims should be found to be in condition for allowance.

If a telephone interview would expedite the prosecution of this application, Examiner is invited to contact Elena Dreszer at (408) 947-8200.

If there are any additional charges/credits, please charge/credit our deposit account no. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: _4-25-05_

Elena B. Dreszer
Reg. No. 55,128

Customer No. 08791
12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025
(408) 947-8200